

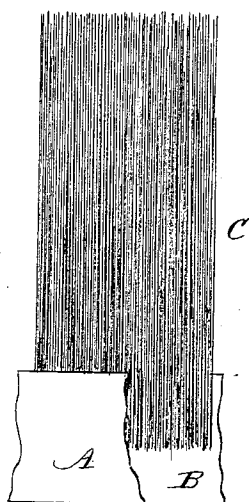
(No Model.)

T. KIHNEMAN.  
BRUSH FOR COTTON GINS.

No. 273,692.

Patented Mar. 6, 1883.

*Fig. 1*



*Fig. 2*



WITNESSES:

*C. Severux*  
*C. Sedgwick*

INVENTOR:

*T. Kihneinan*

BY

*Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

THEODOR KIHNEMAN, OF NEW ORLEANS, LOUISIANA.

## BRUSH FOR COTTON-GINS.

SPECIFICATION forming part of Letters Patent No. 273,692, dated March 6, 1883.

Application filed October 3, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, THEODOR KIHNEMAN, of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and useful Improvement in Brushes for Cotton-Gins, of which the following is a full, clear, and exact description.

The object of the invention is to improve the present mode of attaching bristles in brushes.

I am aware that bristles have been secured to strips of rubber, rolled very thin, by cement and by winding the rubber strips around the handle; but I cement them directly to the holder, so as to secure a firm and rigid connection, which will not permit them to work loose or come out.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 represents a broken side view of a section of a brush strip or strips with the bristles secured within them before they are cut or trimmed to their proper length; and Fig. 2, a sectional view of the same, taken transversely through the strips.

A and B indicate the two strips, between which the bristles C are entered for only a portion of the depth of the strips, and to which they are cemented and the rear edge portions

of the strips beyond the entering ends of the bristles also cemented to each other, as clearly shown in Fig. 2 of the drawings. In this way or by this construction the bristles are held equally as firmly as if they were entered wholly through or between the strips, and the strongest or best parts of the bristles are left exposed for use. Such brush-strip, too, will be as durable as those made under the ordinary method, and a short bristle can be made to do the same work as a long one.

I am aware that bristles have been stuck to one flexible rubber strip and a series of layers of bristles and rubber compressed together about or in the handle; but these have reference to paint and analogous brushes, not to the bristle-strips which are used in cotton-gins, and they could not conveniently be applied to the wheel or rotary-brush stock in that way.

What I claim as new and of my invention is—

A bristle-strip for cotton-gins, consisting of the two parallel bands A B, pasted or stuck together above the ends of the bristles, and below said ends to the bristles themselves, as shown and described.

THEODOR KIHNEMAN.

Witnesses:

EBENEZER WARREN,  
JOHN BLANK.